



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday August 29, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh

Summary of the Upcoming Week



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- **Active weather pattern over the next week; severe storms and heavy rain/flash flooding possible each day, especially across OK and AR.**
- **Heat advisories in effect across TX, AR & LA today.**
 - Heat likely to continue over TX through Tuesday.
- **A few river points in SW LA are in or forecast to rise into moderate flood stage in the coming days.**
- **Several tropical waves coming off the African coast will need to be monitored over the next week; not expecting any near-term (within 5 days) threats to Region 6.**

FEMA Region 6 Threat Matrix

Aug 29, 2020 - Sep 2, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	E OK,AR	TX/OK Panhandles, OK,AR	E TX Panhandle, OK, NETX,AR, N LA	E OK, NETX,W AR	ETX
Heavy Rain / Flash Flooding	E OK,AR	NE AR	E OK, N AR	E OK, NETX,W AR	E OK,AR
Fire Weather					
Tropical Winds / Surge					
Heat	TX,AR, LA	TX	TX	STX	
River Flooding	SW LA	SW LA	SW LA	SW LA	SW LA
	SE TX,AR	SE TX,AR	SE TX,AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slides for more information



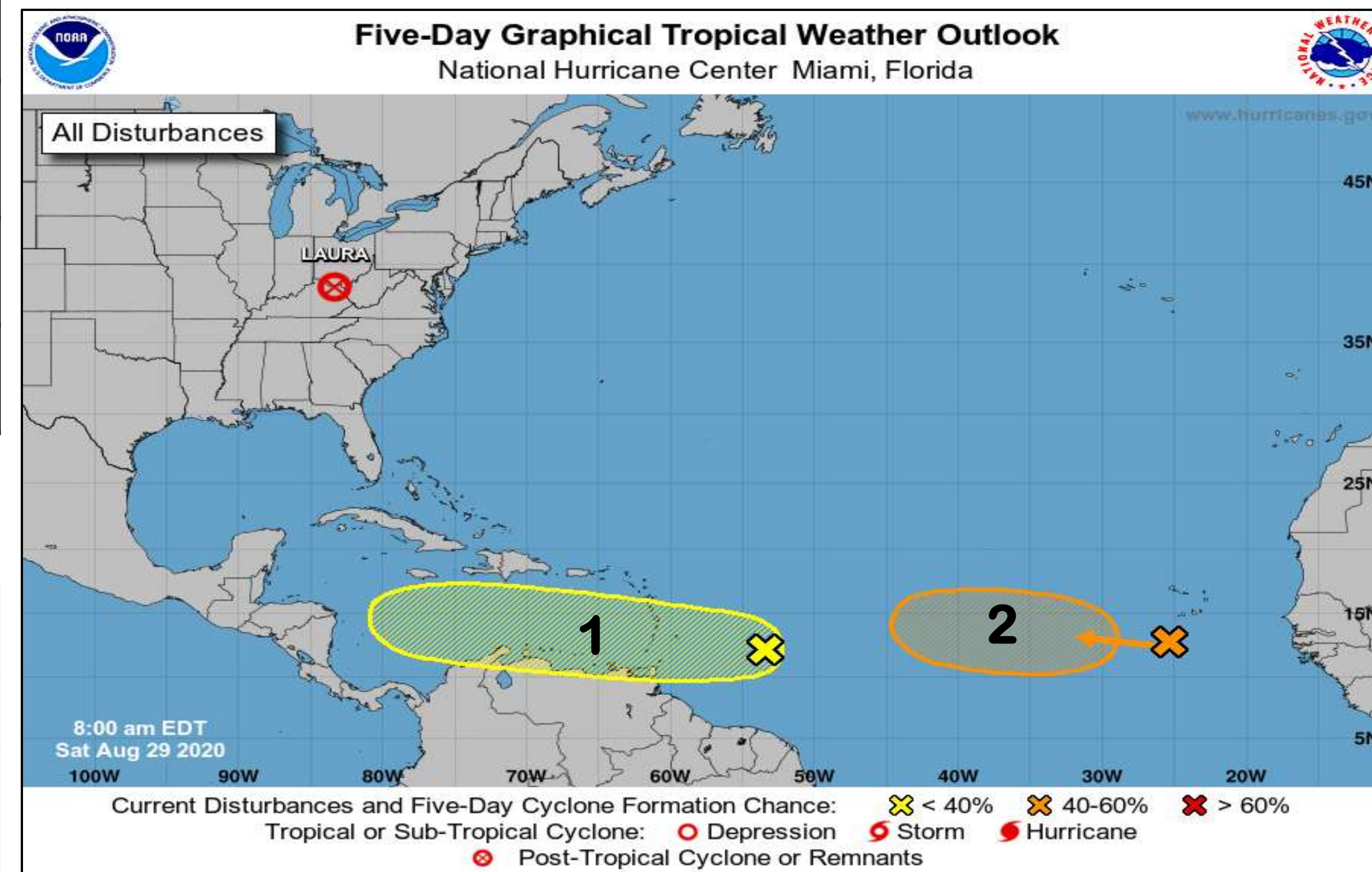
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None expected.
2	Medium	None in the next five days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6

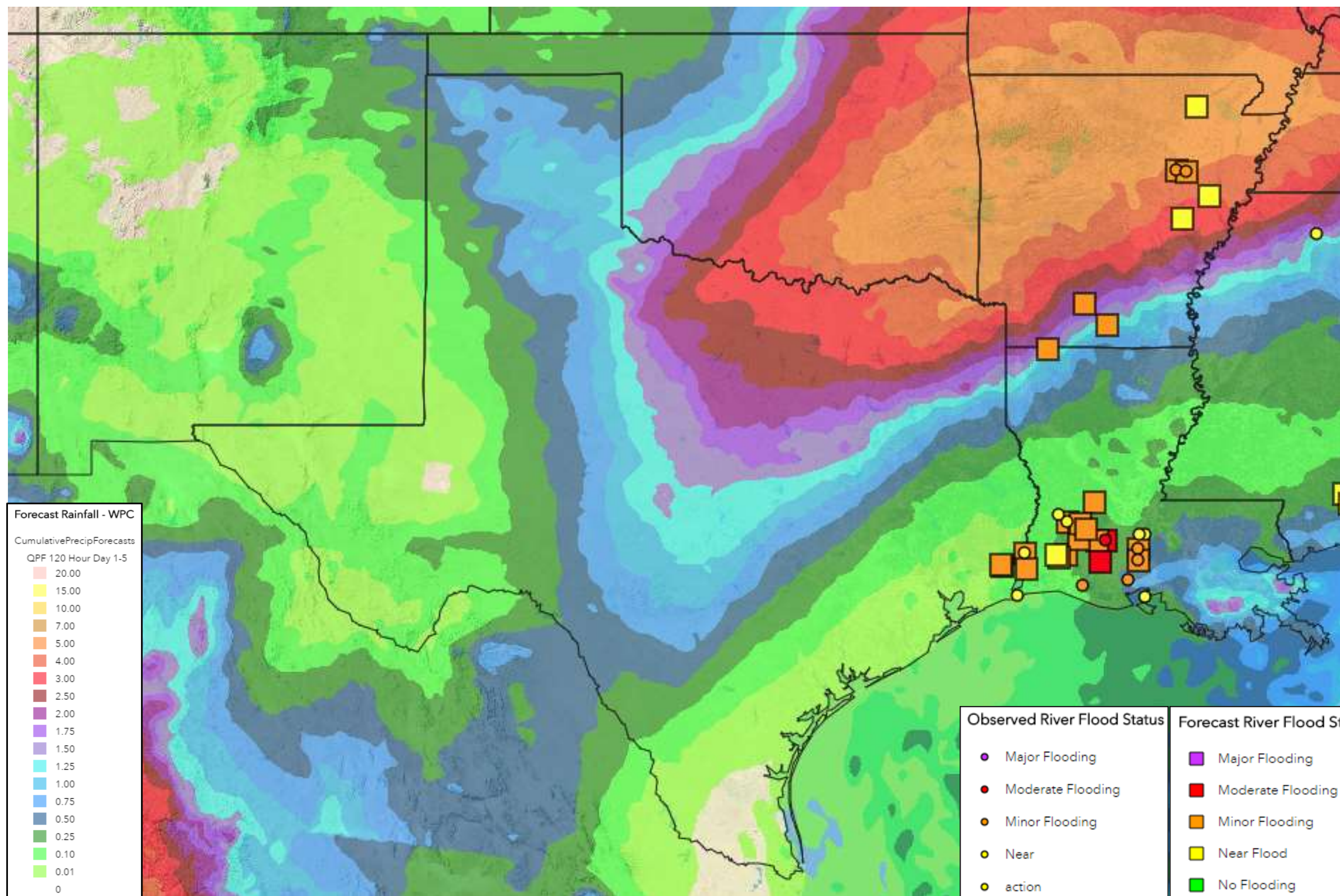


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Louisiana:

Bayou Des Cannes near Eunice is in moderate flood; a few structures near the bayou may be threatened.

The Mermentau River at Mermentau is rising and expected to be near moderate flood stage on Tuesday; at the expected crest, flooding of the shipyard begins, portions of Castex Landing and LA 3166 become flooded and impassible.

Several other locations in SW LA will remain in minor flood through the next several days.

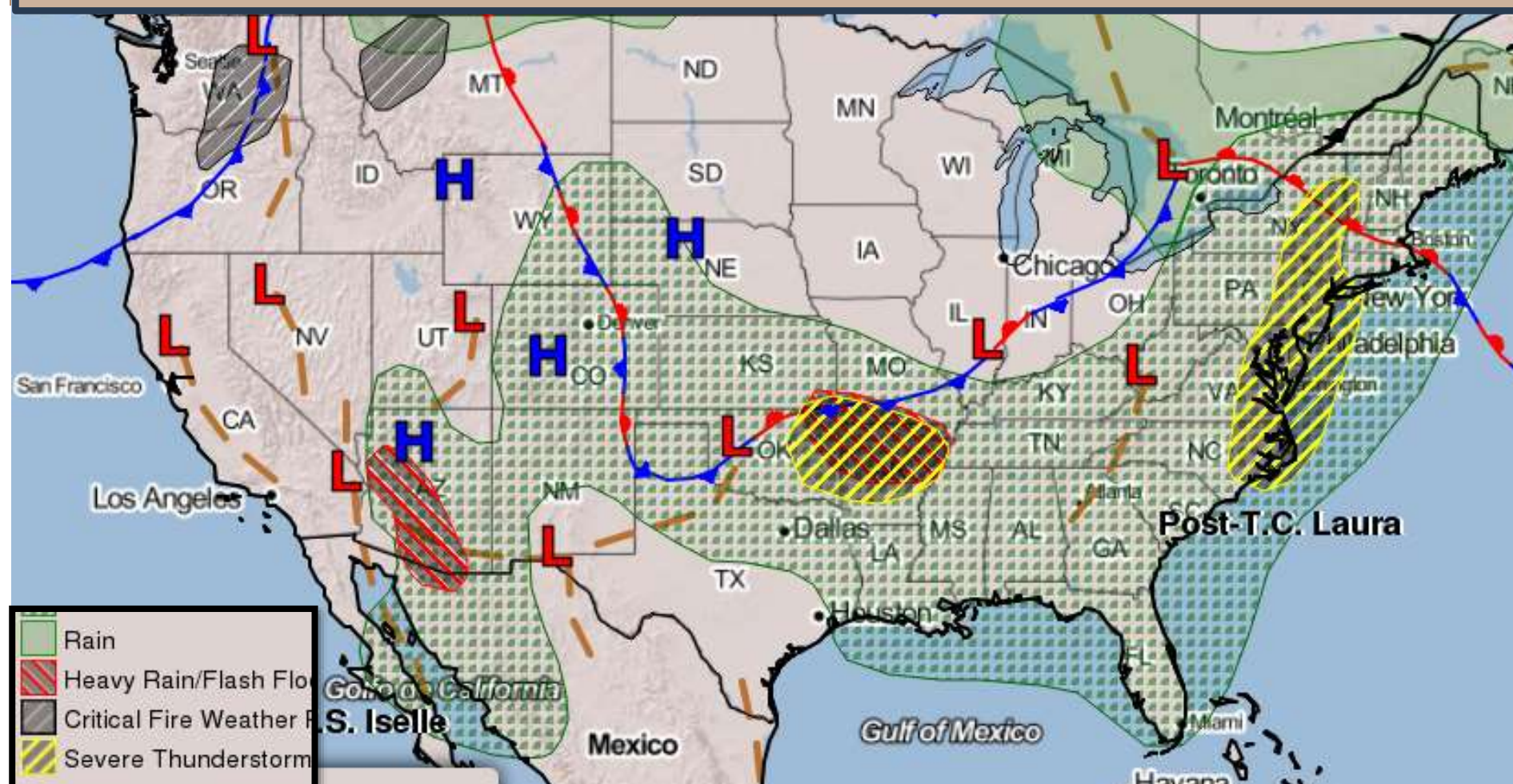
The Ouachita and White Rivers in AR are in or expected to rise into minor flood stage due to expected rainfall in the next several days.

Today's Weather

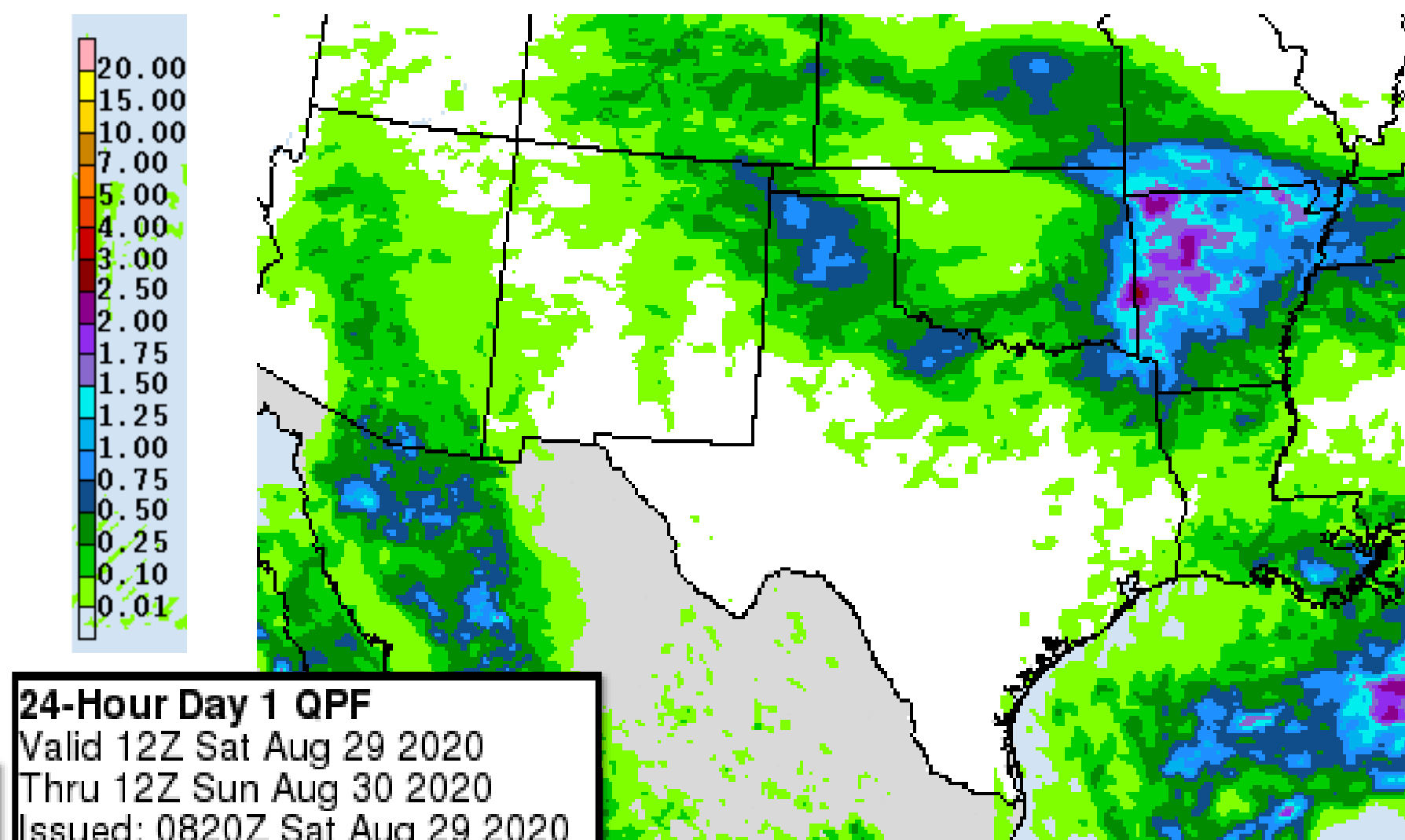


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Forecast Chart



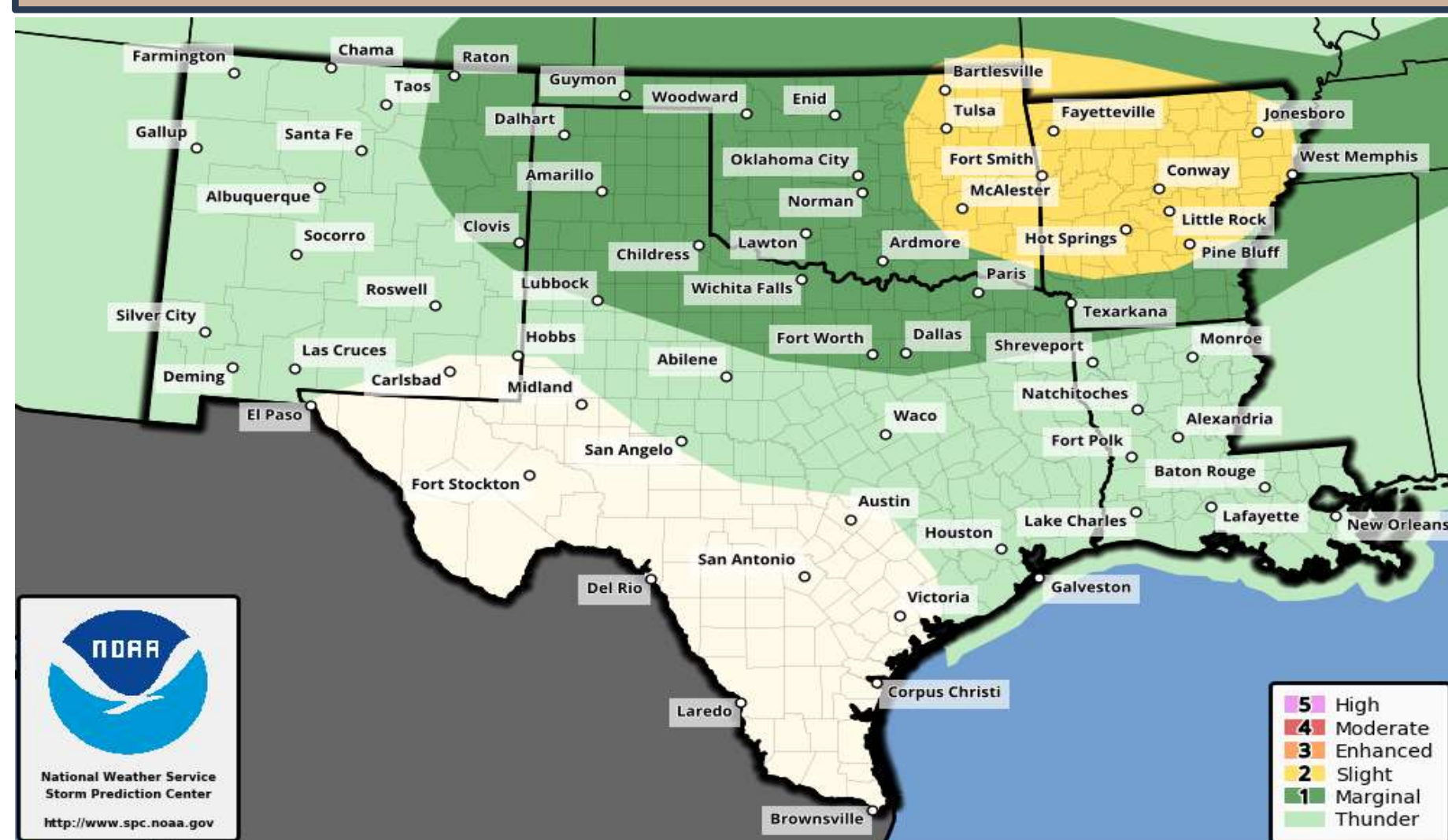
Forecast Rainfall



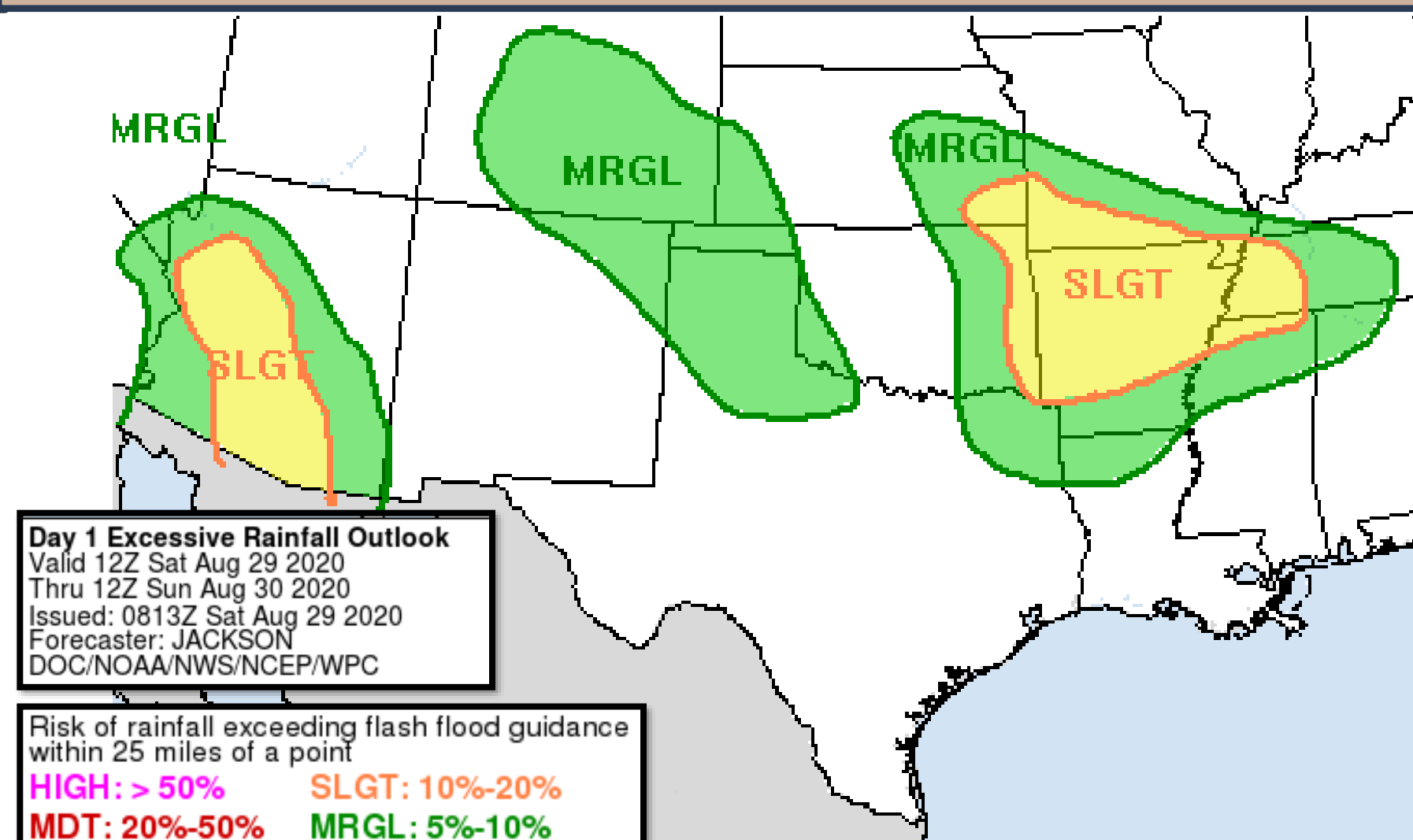
Slight risk of severe storms over E OK and much of AR; damaging winds and hail are the main threats, tornadoes possible as well.

Heavy rain/flash flooding possible from E OK through much of AR.

Severe Weather Outlook



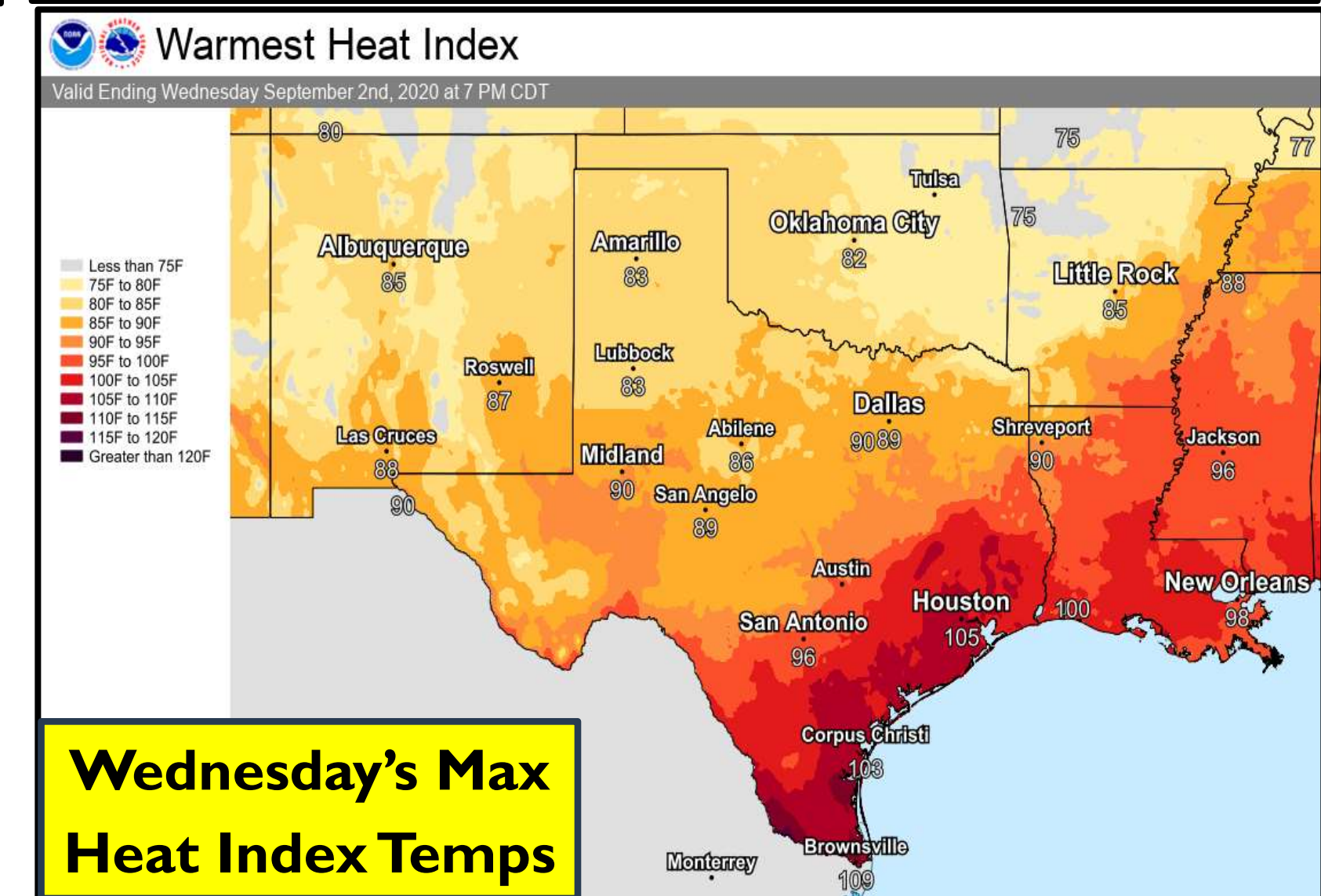
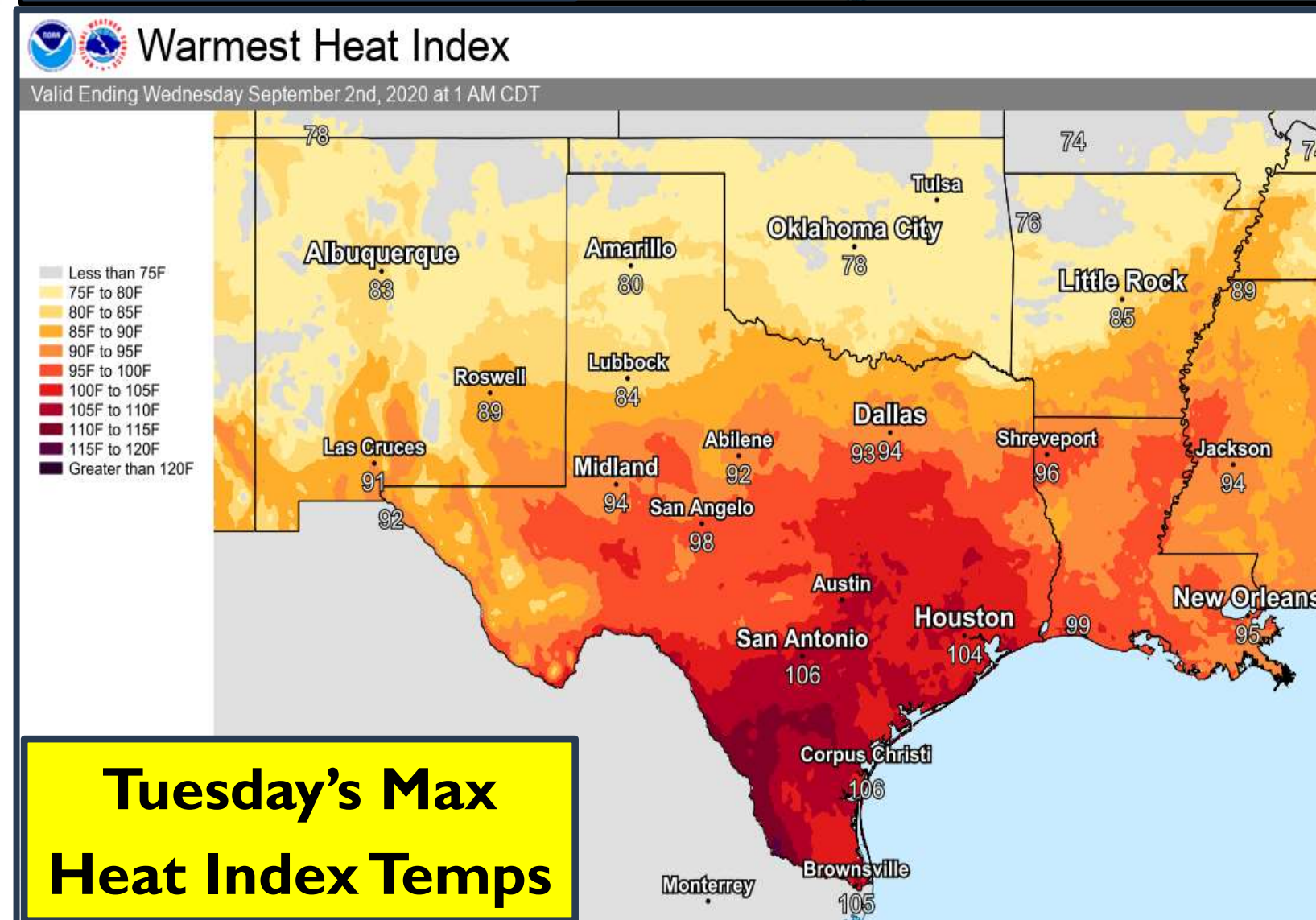
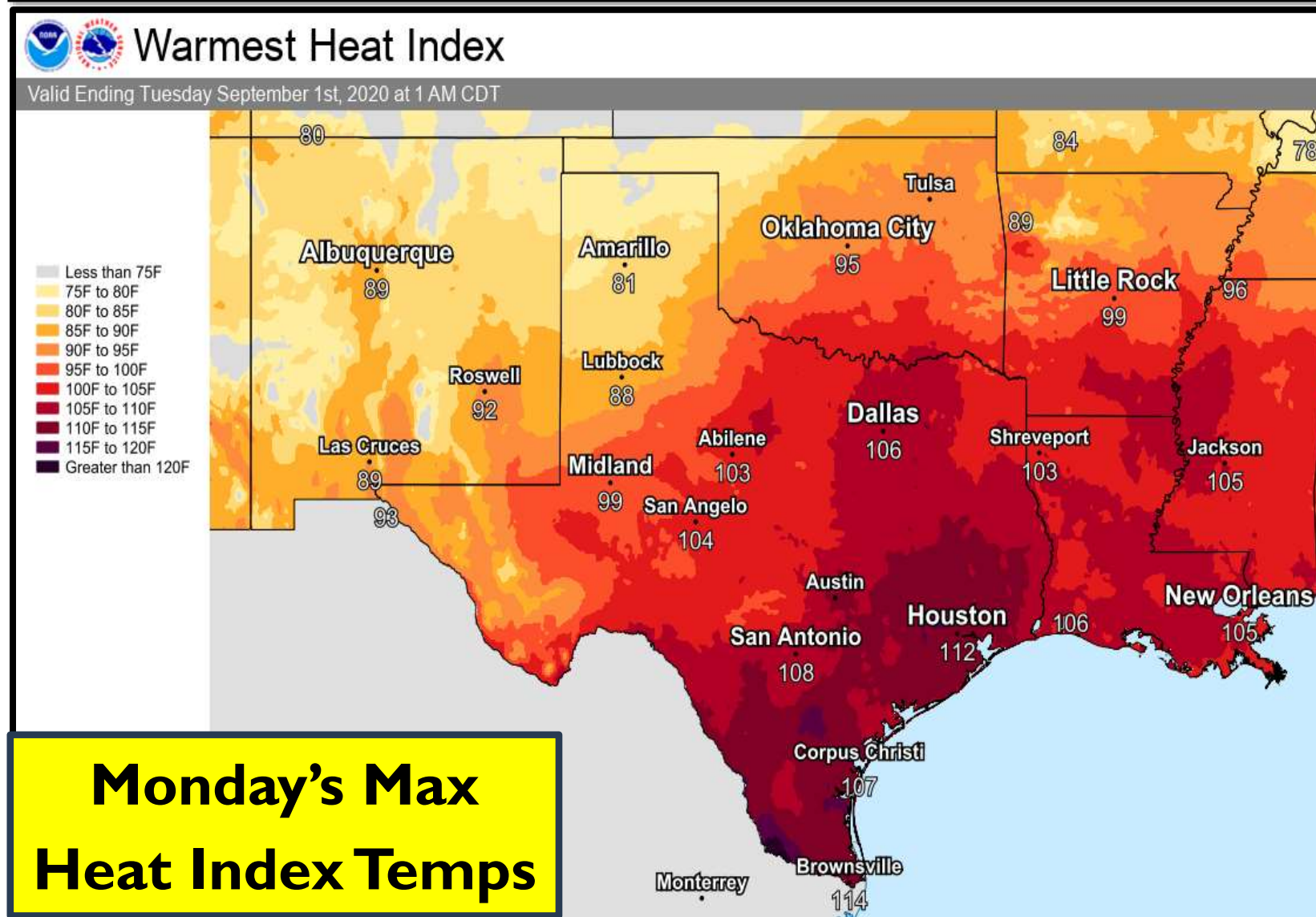
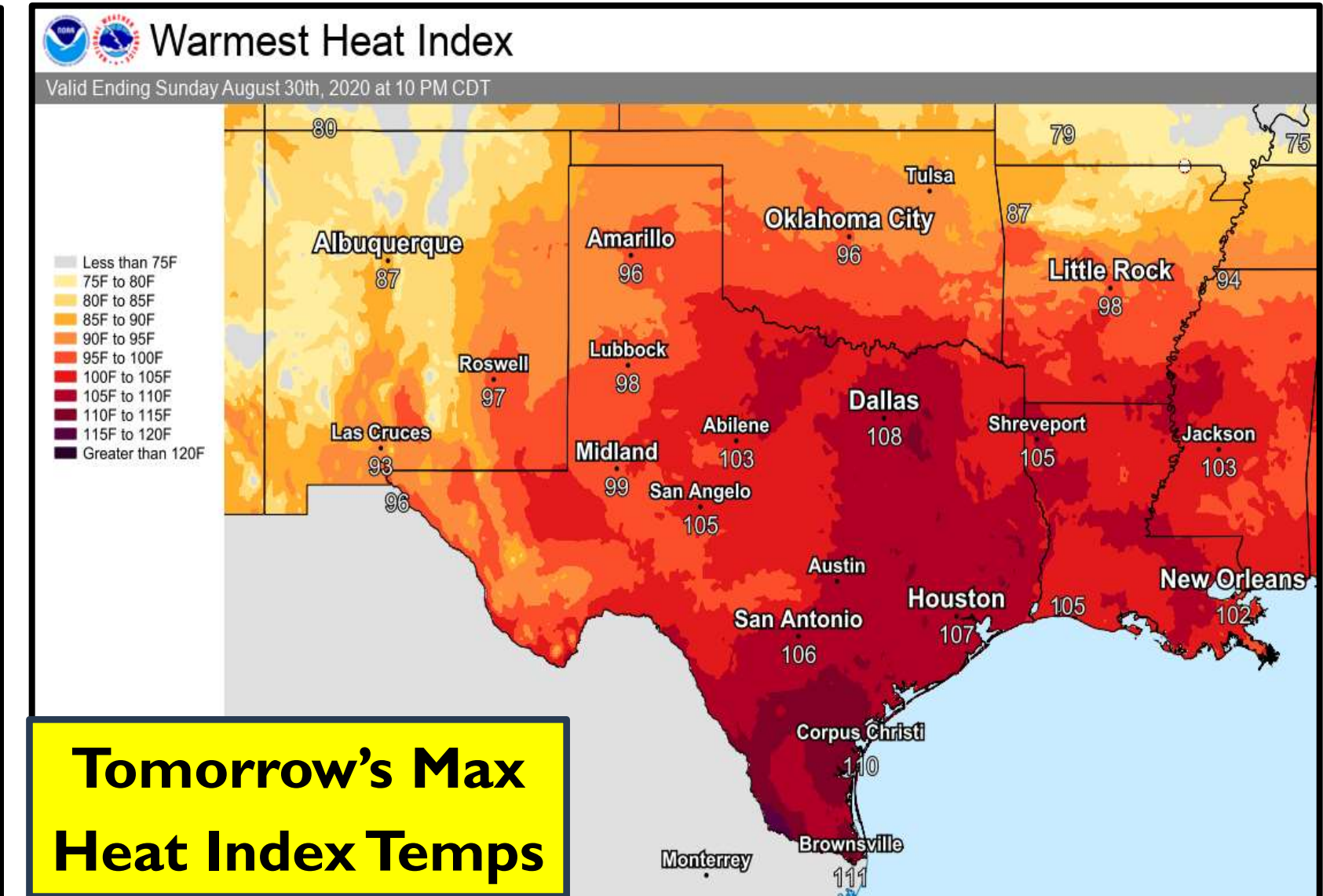
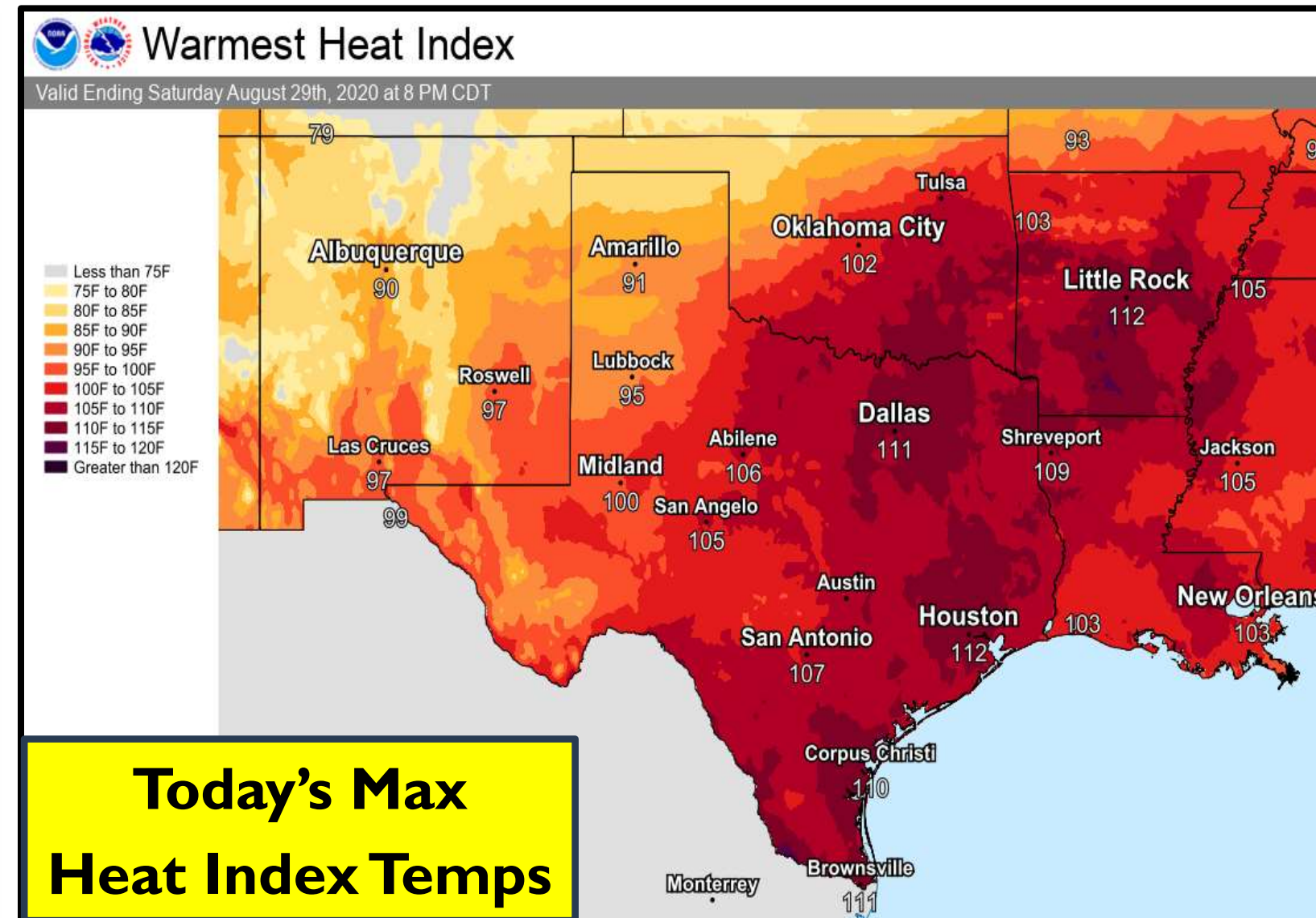
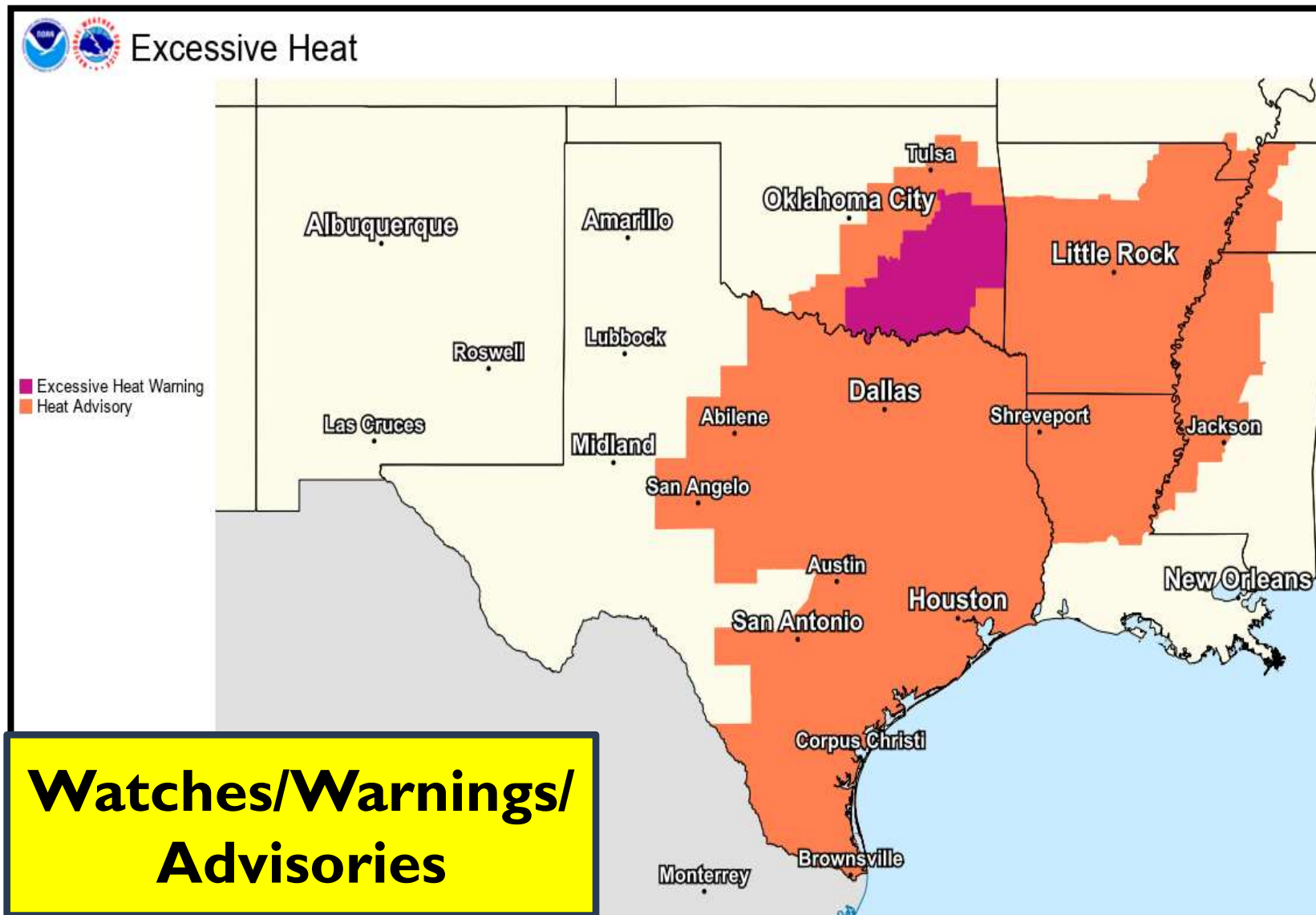
Excessive Rainfall Outlook



Excessive Heat Outlook



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Watches, Warnings, and Advisories

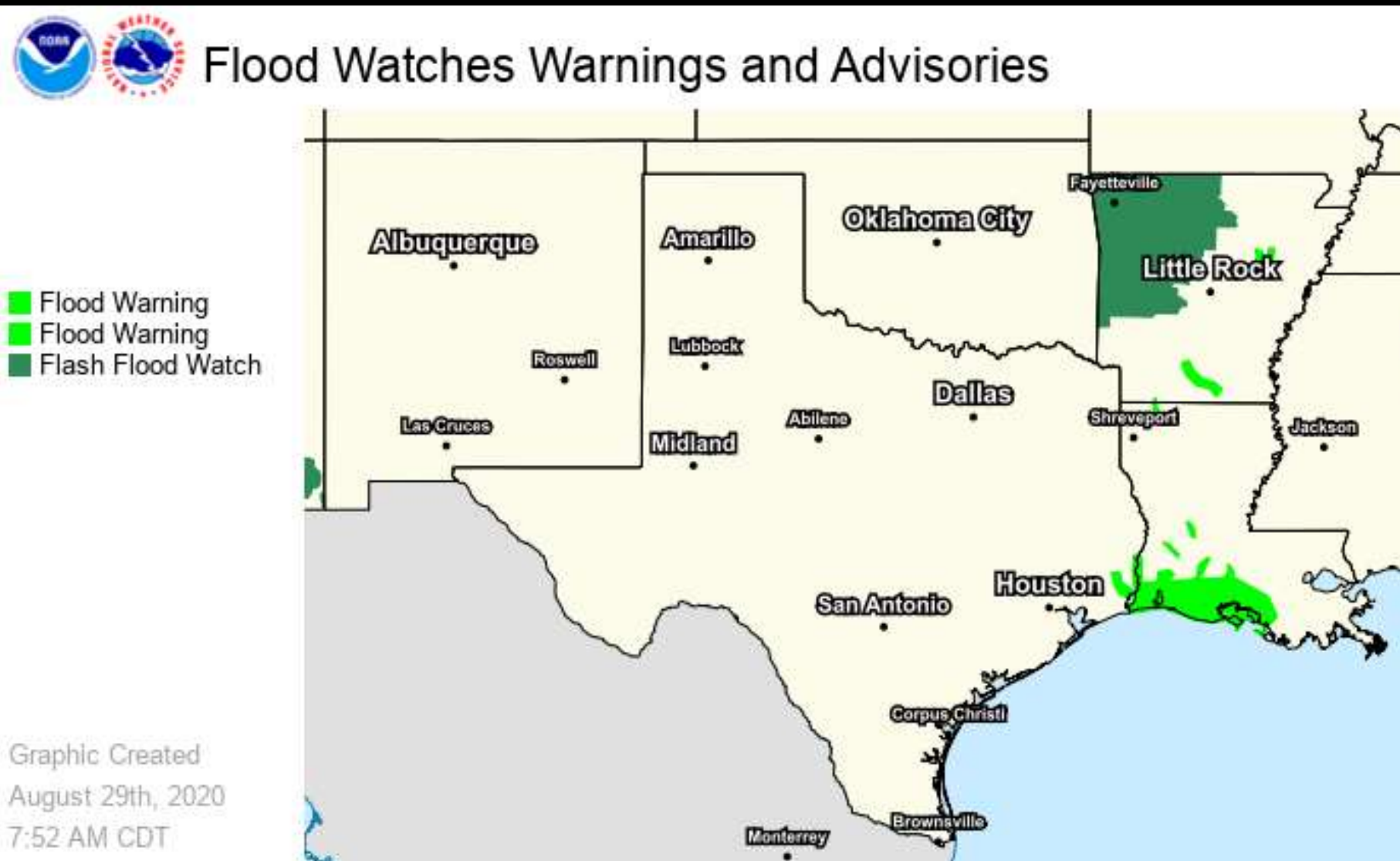
Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watch in effect for
NW AR through Sunday
morning.**

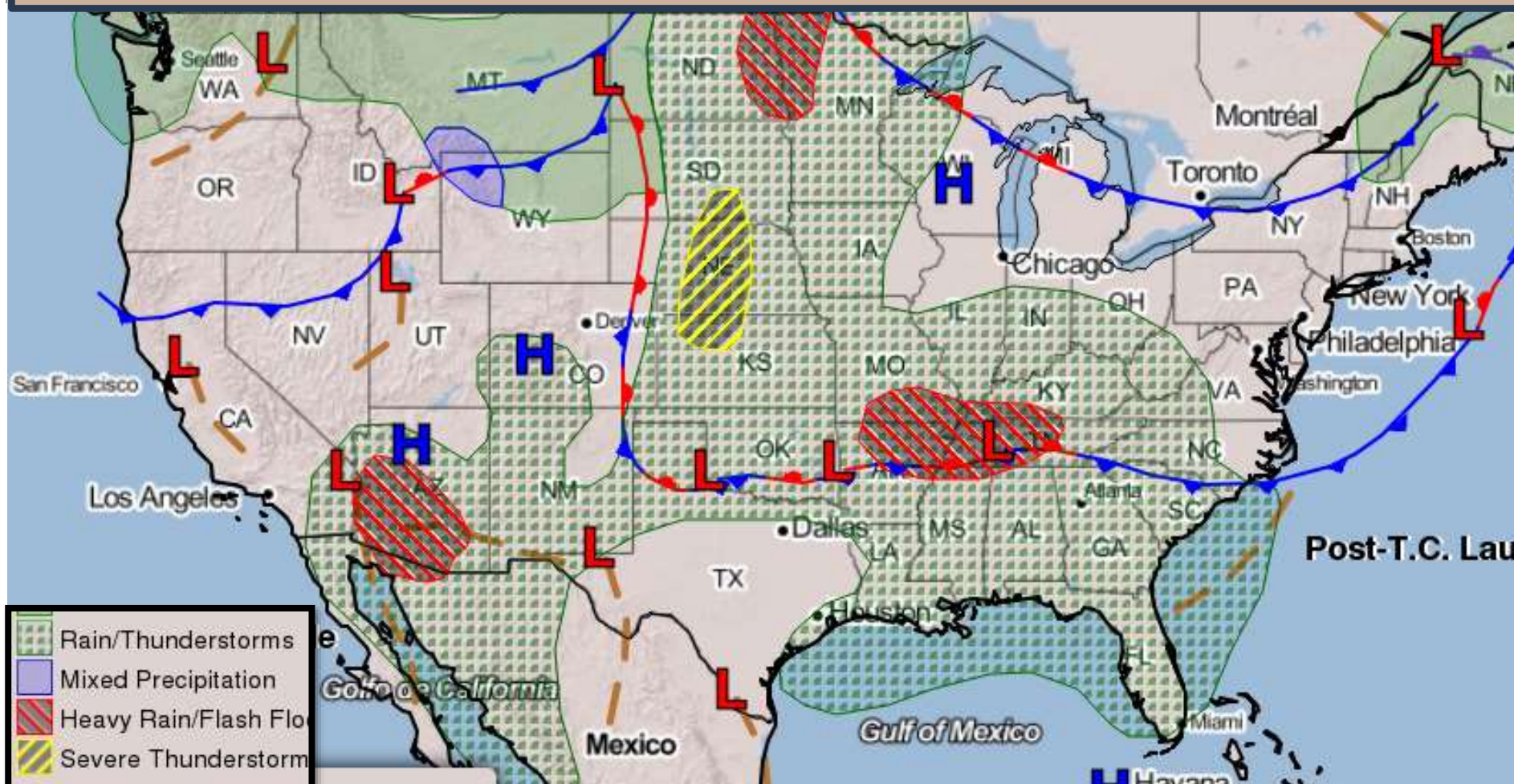


Tomorrow's Weather



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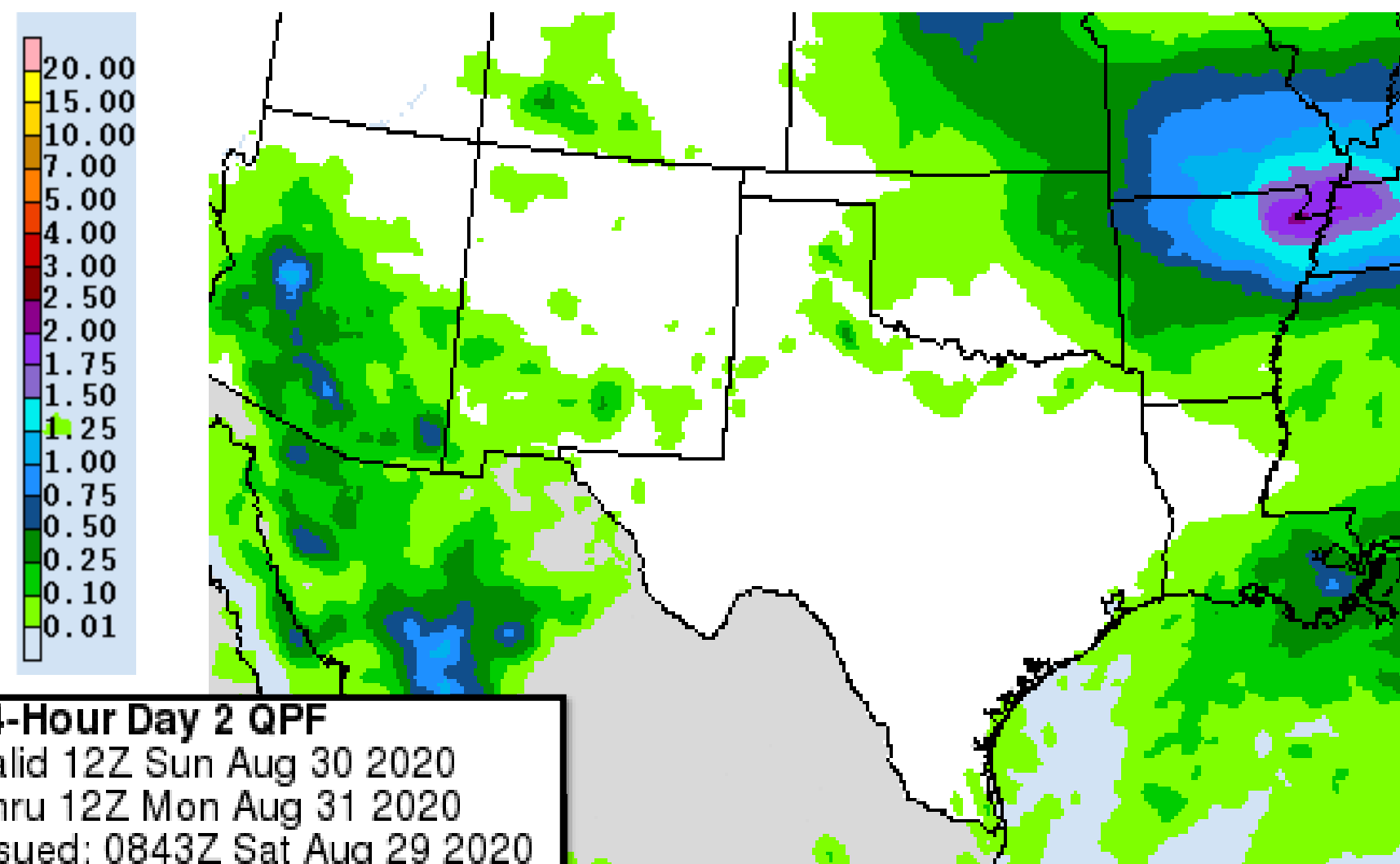
Forecast Chart



Weather Valid 8am EDT Sun Aug 30 2020 to 8am EDT Mon Aug 31 2020
Fronts Valid 8am EDT Sun Aug 30 2020

Issued 4:42 AM EDT Sat, Aug 29, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli with WPC/SPC/NHC forecasts.

Forecast Rainfall

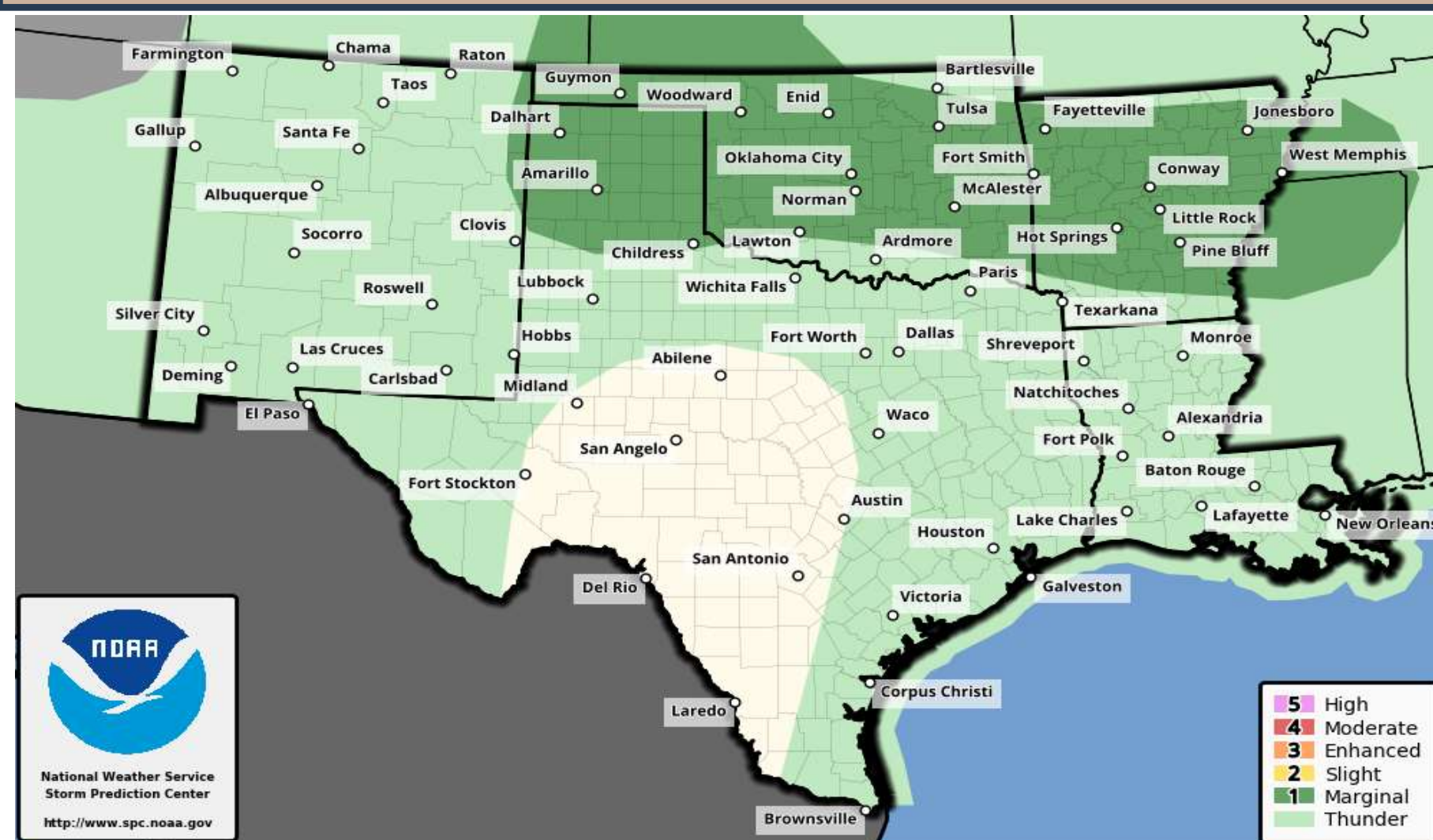


24-Hour Day 2 QPF
Valid 12Z Sun Aug 30 2020
Thru 12Z Mon Aug 31 2020
Issued: 0843Z Sat Aug 29 2020

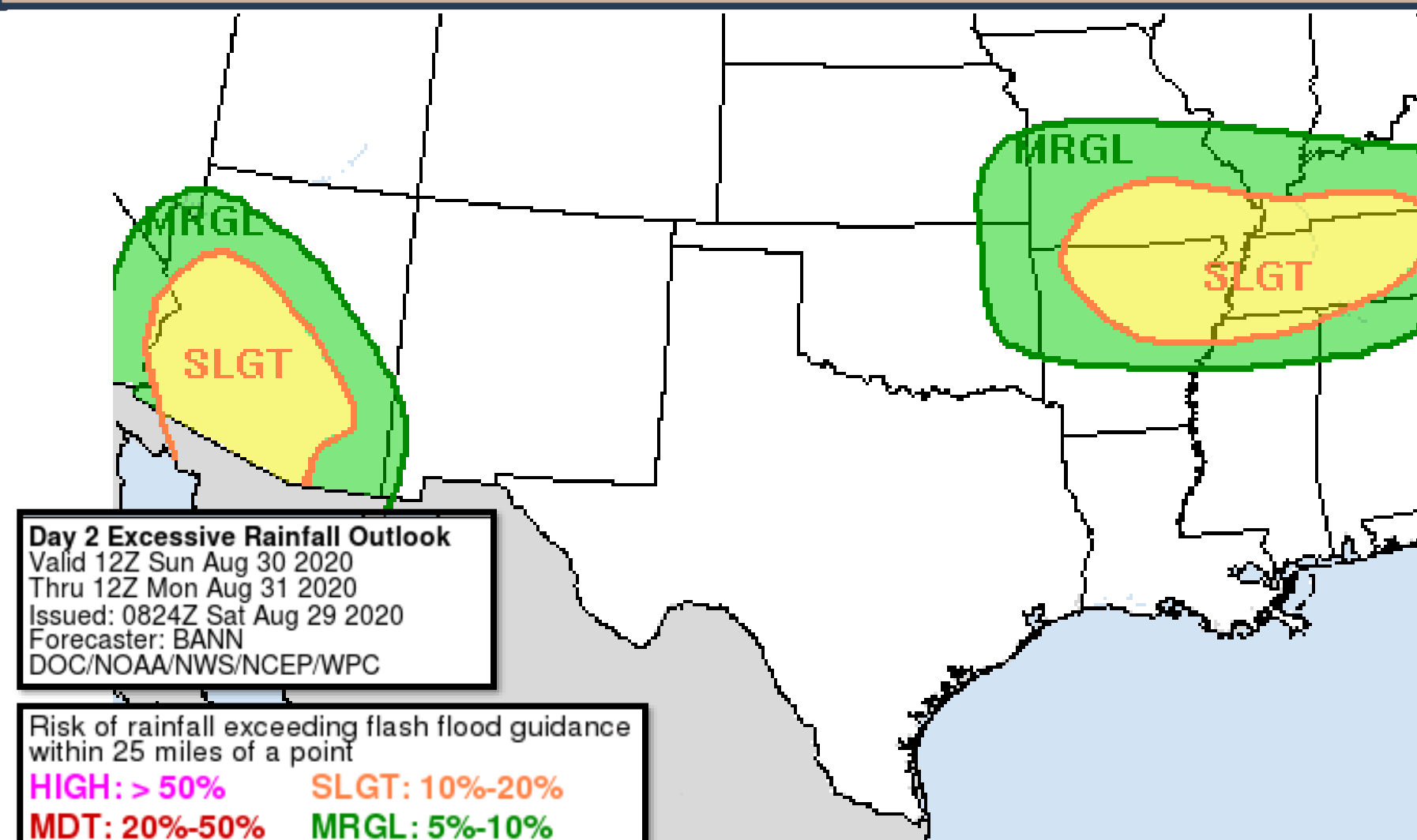
Marginal risk of severe storms from the TX/OK Panhandles through OK and AR; damaging winds and hail are the main threats.

Isolated heavy rain/flash flooding possible over NE AR.

Severe Weather Outlook



Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sun Aug 30 2020
Thru 12Z Mon Aug 31 2020
Issued: 0824Z Sat Aug 29 2020
Forecaster: BANN
DOC/NOAA/NWS/NCEP/WPC

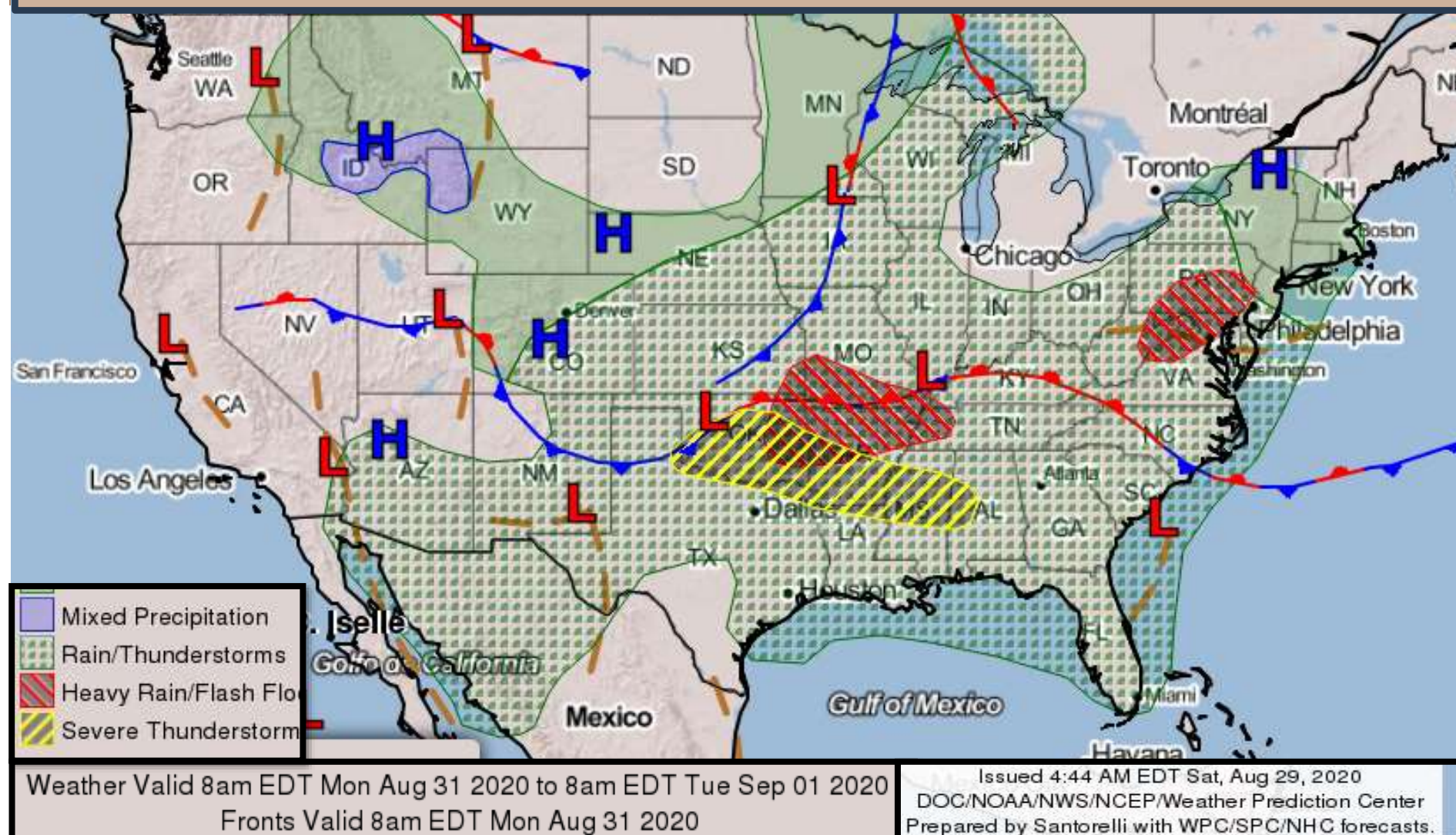
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Monday's Weather

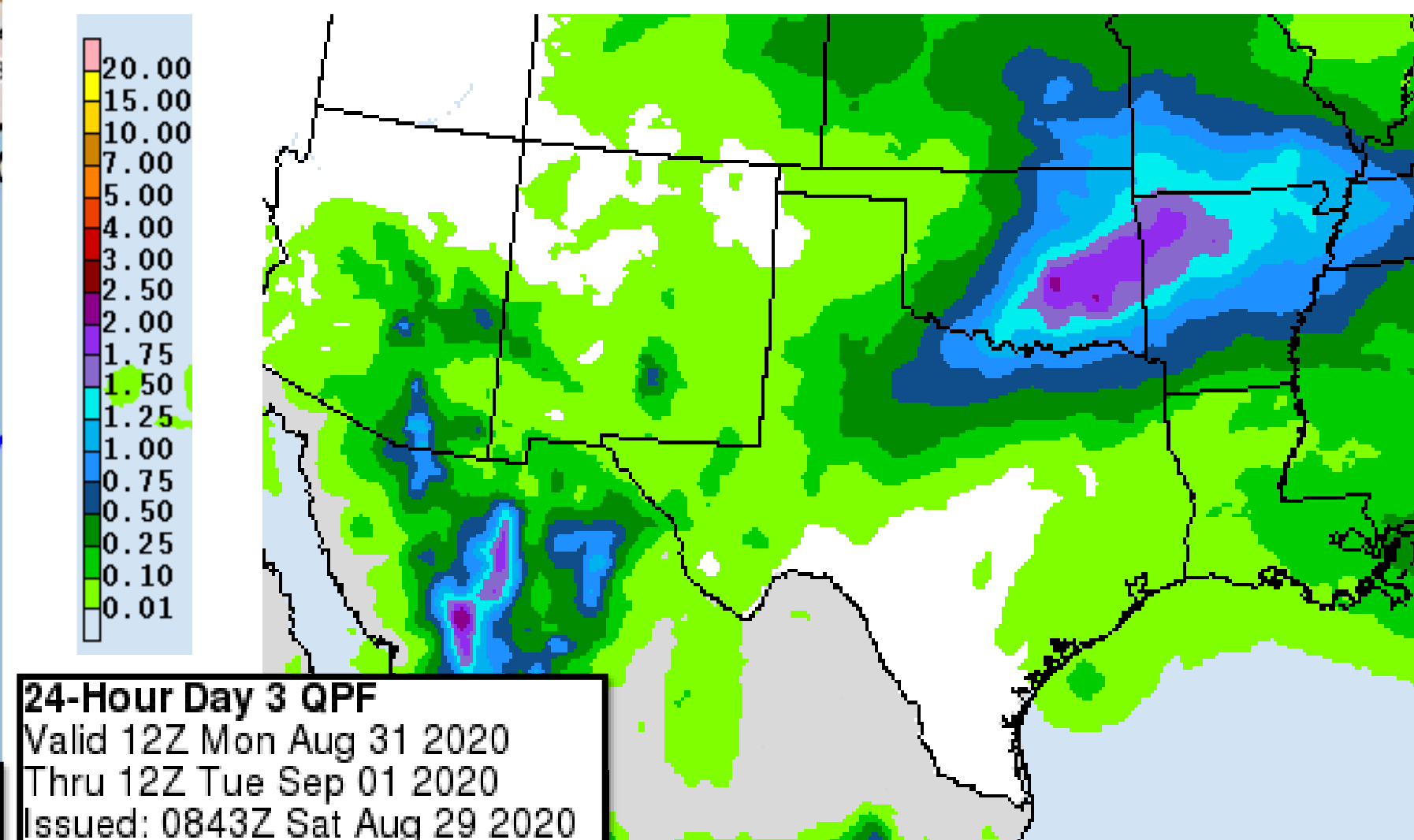


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Forecast Chart



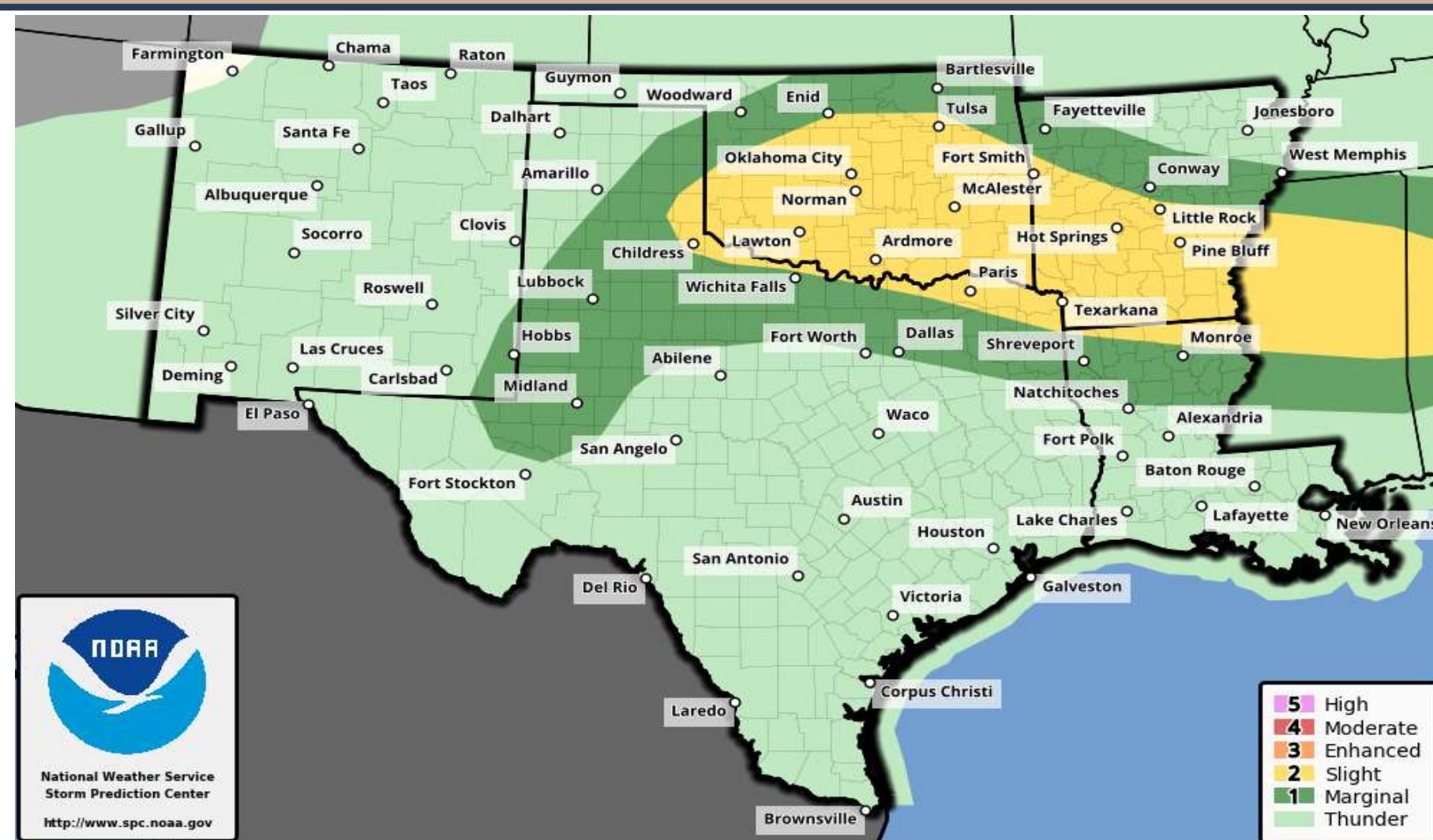
Forecast Rainfall



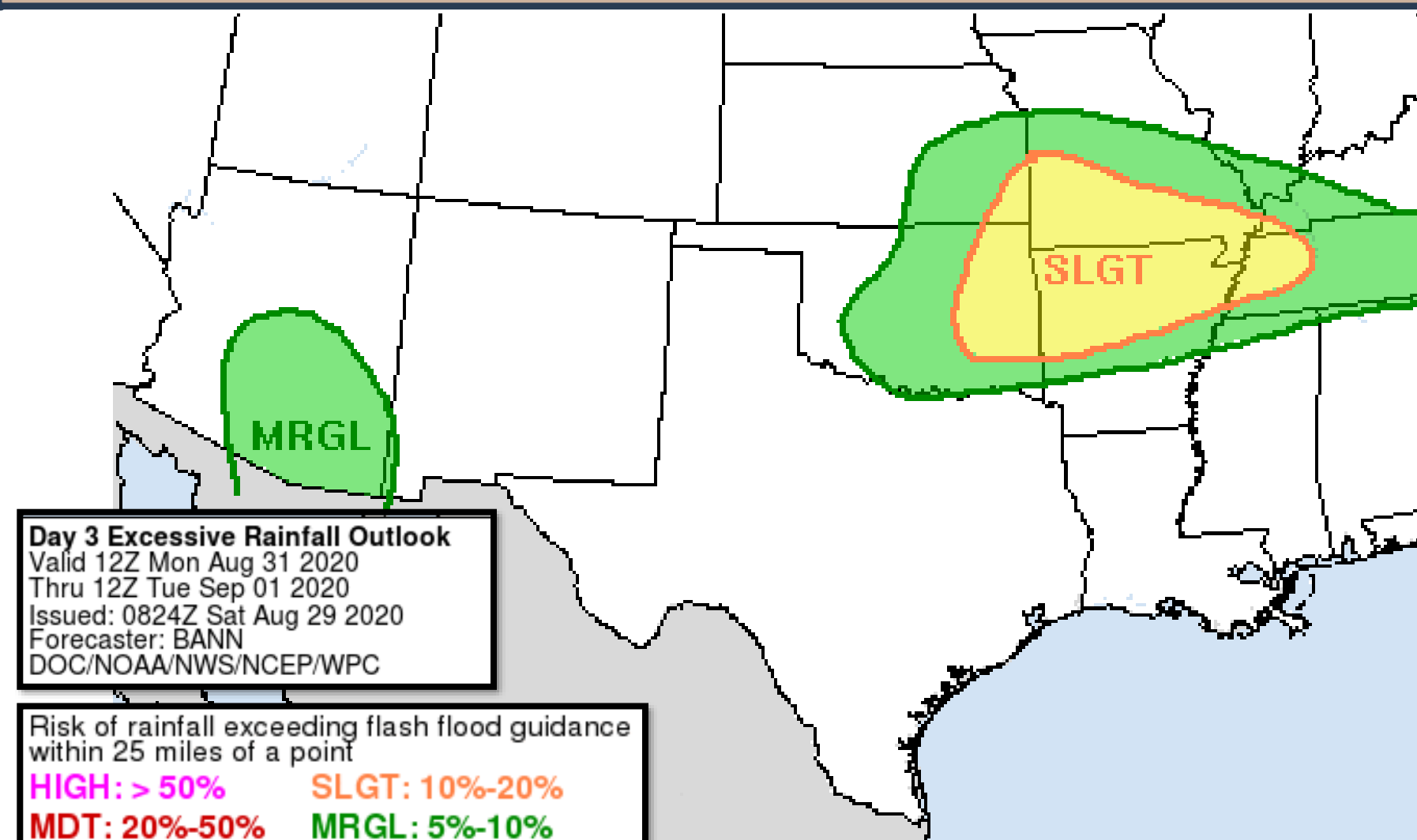
Slight risk of severe storms from the ETX Panhandle through OK, NETX, AR and N LA; damaging winds are the main threat.

Isolated heavy rain/flash flooding possible over E OK and N AR.

Severe Weather Outlook



Excessive Rainfall Outlook



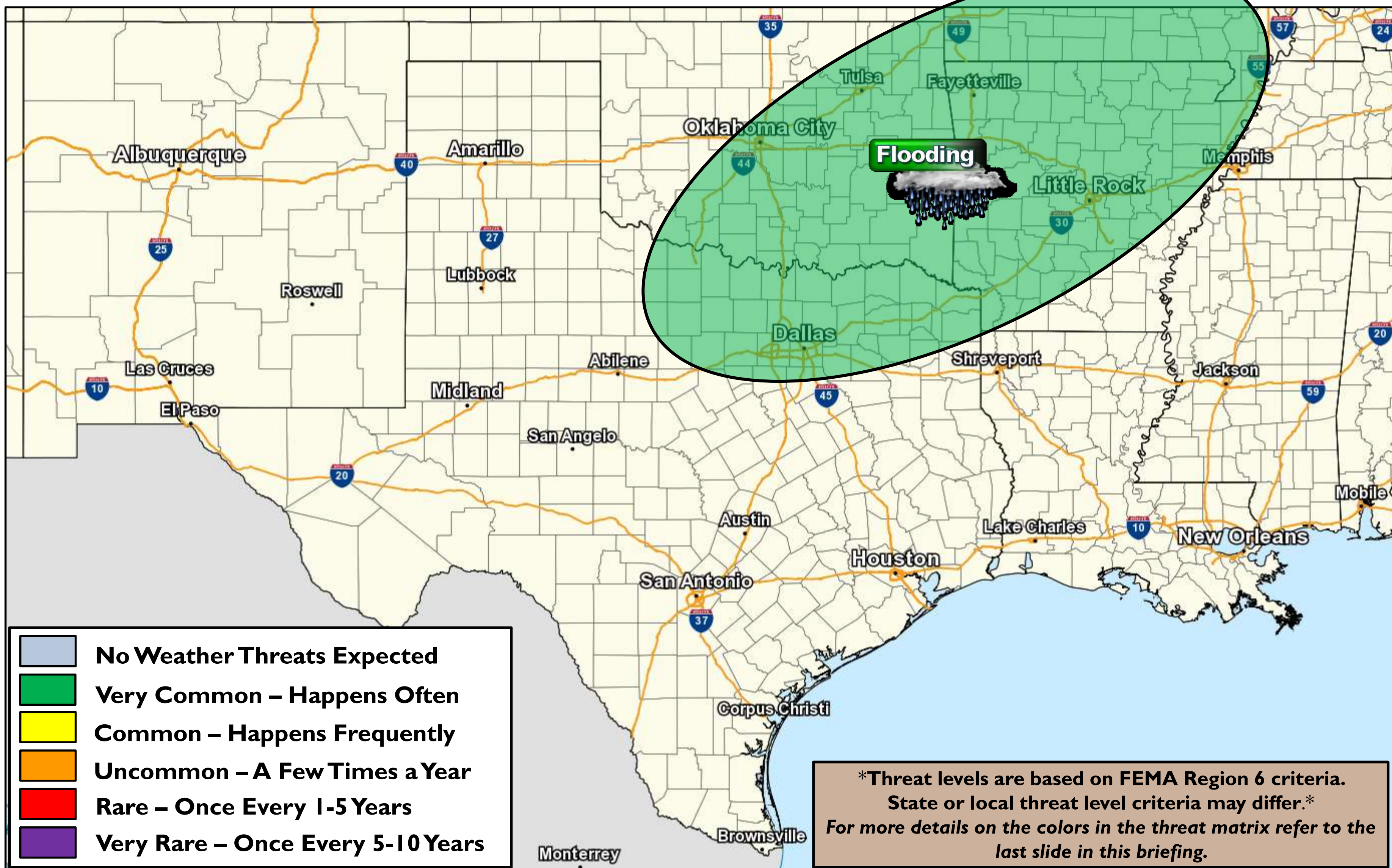
Days 4-5 Weather Hazards

Tuesday - Wednesday



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Severe storms, as well as heavy rain/flash flooding possible, especially on Tuesday.

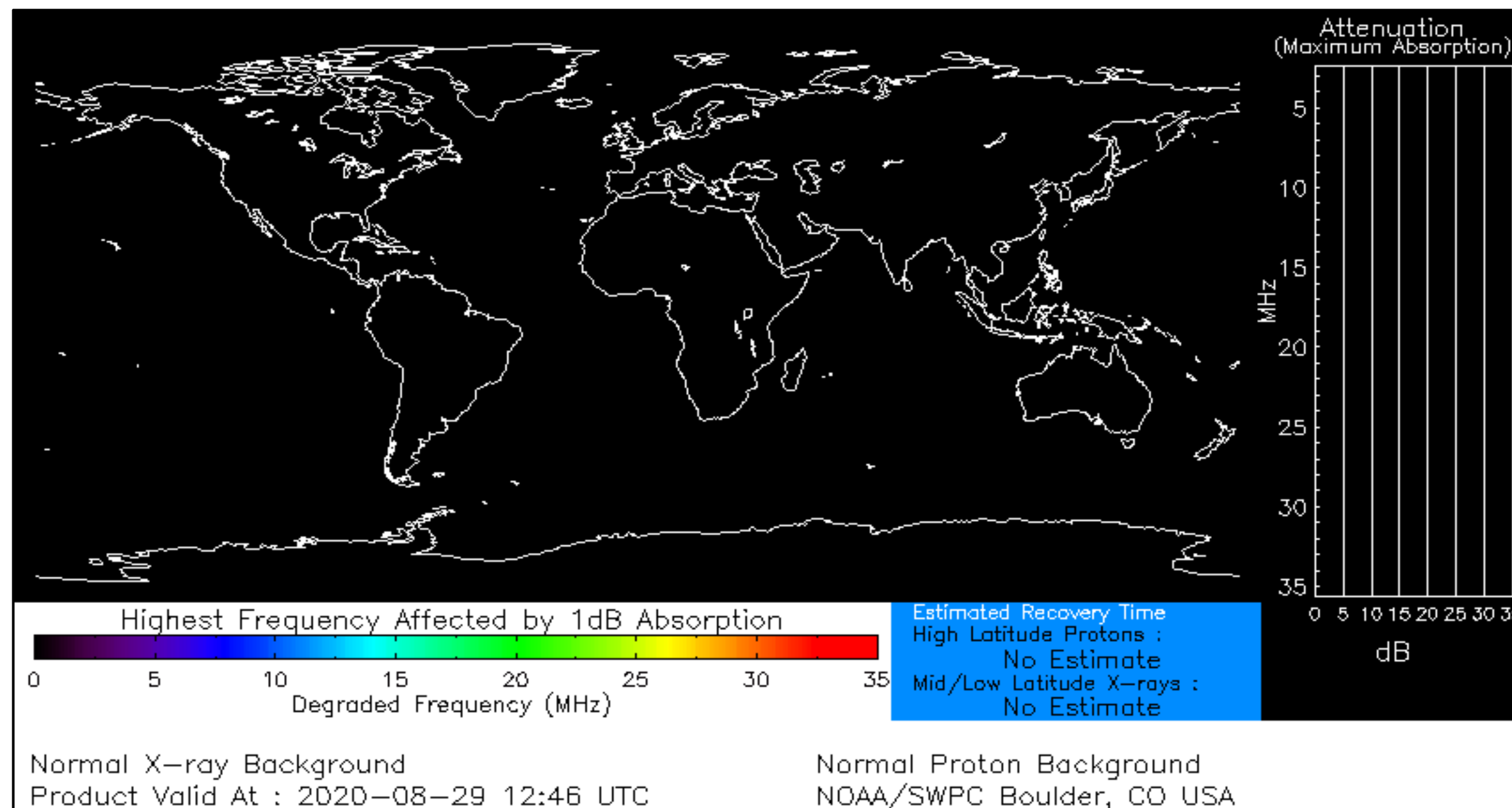


Space Weather 3-Day Forecast



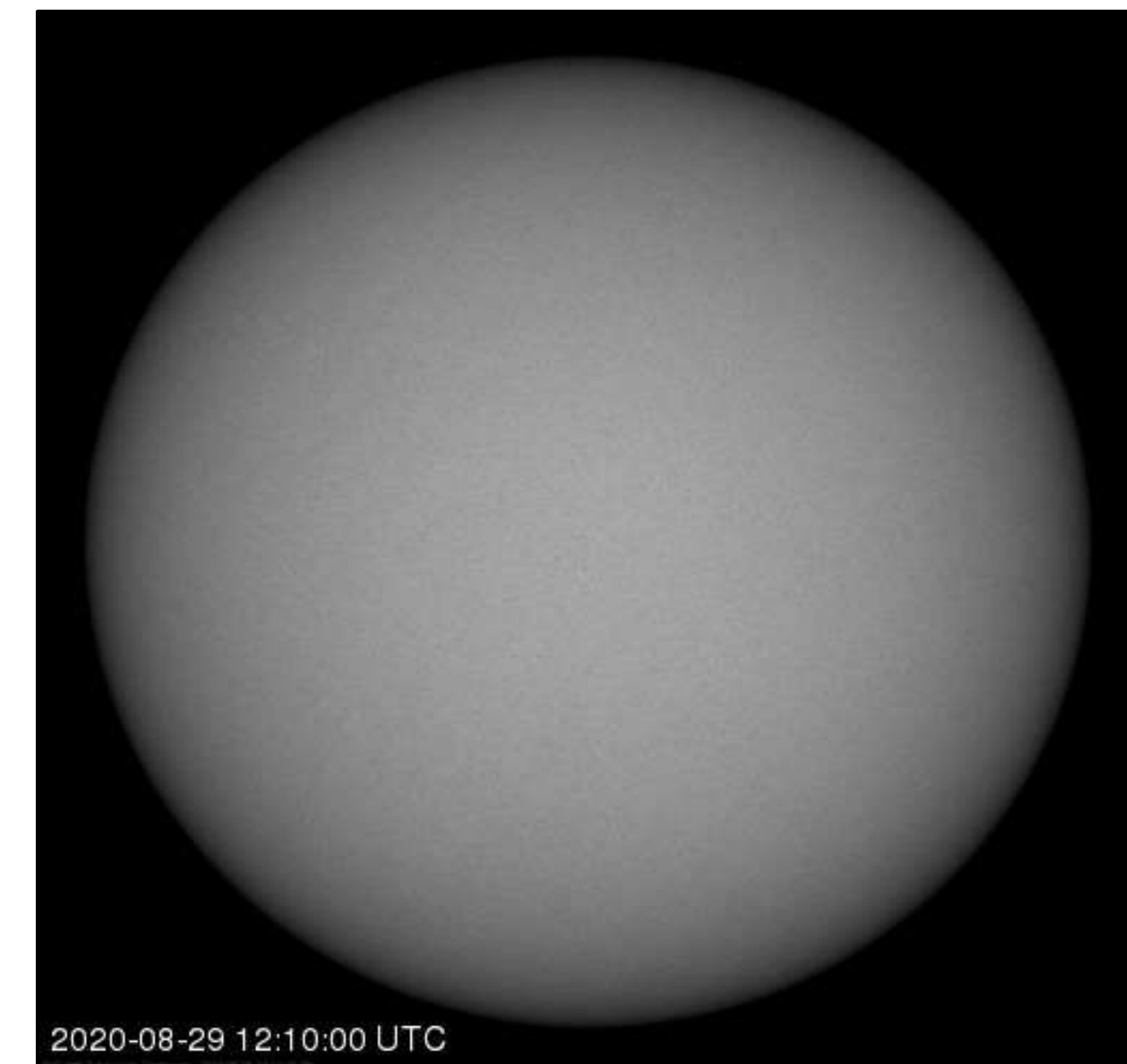
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	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov